



SIKA AT WORK

OXYGEN HOUSE

ROOFING: Sika Sarnafil S327-12EL, Sika Sarnafil G410-12EL

Designed to achieve a BREEAM excellent rating

Sarnafil®



OXYGEN HOUSE



PROJECT REQUIREMENT

With a 40,000sq ft footprint, Oxygen House is the impressive new headquarters for statistical research company, ATASS Group. Designed by Broadway Malyan architects, the building draws upon stadium and yacht design in reference to the work of ATASS Sports, and boasts a BREEAM 'Excellent' rating and an array of sustainable features. A key part of the design was the complex geometry of the east and west wing roofs, which flank a tapering conical roof above the entrance - dubbed 'the eyebrow'. Local Sika Sarnafil registered contractor Progressive Systems was tasked with installing the 2,970sq m of membrane to the roofs, overcoming a number of technical challenges to perform the intricate detailing.

SIKA SARNAFIL SOLUTION

A mixture of Sika Sarnafil S327-12EL and Sika Sarnafil G410-12EL single ply was used, with the roof build up comprising metal roof decking, insulation and single ply with composite panel walls. To highlight the geometric design, Sika Sarnafil Lead Grey batten roll features were used to create a uniquely shaped profile over the main roof areas, which were then inlaid with Light Grey Sika Sarnafil panels.

Attention to detail and high standards of workmanship ensured the finished roof was geometrically perfect across all the lead roll feature detailing. The look was then further complemented by the extensive use of bullnose fascias and soffits in polyester-powder-coated aluminium.

The eyebrow posed the biggest challenge. The detailing to the intersection between the two asymmetric curved roofs of the east and west wings was very complex, featuring tapering, inclined conical entrance features. To ensure the aesthetics were perfectly achieved full sized Sika Sarnafil templates were used.

With the roofing featuring several steeply sloping sections, Progressive also ensured the roof was installed with the highest standards of health and safety in mind. Careful consideration was given to roof drainage and the behaviour of the water collecting within the converging lead rolls, too.

This landmark award-winning building was completed to very high standards of workmanship and the intricate aesthetics were also achieved thanks to the use of Sika Sarnafil materials and very high standards of workmanship.

PROJECT PARTICIPANTS

Product: Sika Sarnafil S327-12EL, Sika Sarnafil G410-12EL

Size: 2,970m²

Contractor: Progressive Systems

Our most current General Sales Conditions shall apply.
Please consult the Data Sheet prior to any use and processing.



FM 12504



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OHS 585274

SIKA LIMITED

Sika Sarnafil,
Watchmead,
Welwyn Garden City,
Hertfordshire, AL7 1BQ

Contact

Tel 01707 394444
Fax 01707 329129
Email sarnafilroofing@uk.sika.com
www.sarnafil.co.uk

Sarnafil®

